Attorney Docket No.: GP-175-24-US

**PATENT** 

## **CLAIMS**

What is claimed is:

1. A method comprising:

determining an event schema for an application; and

determining event data for an event, based at least in part on the event schema,

wherein the event relates to user interactions with an article associated with the

application.

2. The method of claim 1, further comprising transferring the event data to a search

application.

3. The method of claim 1, further comprising storing the event data in a searchable

database, wherein the events and articles associated with the application are searchable

by a search application.

4. The method of claim 1, wherein determining the event schema comprises one of

either receiving, creating, or providing the event schema.

5. The method of claim 1, wherein determining the event schema comprises accessing a

registered event schema.

6. The method of claim 5, wherein the registered event schema comprises an event

schema indicating information to be captured for a designated application or class of

applications on a client device.

7. The method of claim 5, wherein the registered event schema is an extension of

another registered event schema.

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8. The method of claim 5, wherein the registered event schema has different versions.

9. The method of claim 5, wherein the registered event schema is an extension of a

predefined base event schema provided by a search application.

10. The method of claim 1, wherein the event relates to a current user state associated

with the application.

11. The method of claim 1, wherein determining an event schema comprises registering a

new event schema.

12. The method of claim 1, wherein the event data is transferred using one or a

combination of the following information exchange mechanisms: Extensible Markup

Language-Remote Procedure Calling protocol (XML/RPC), Hypertext Transfer

Protocol(HTTP), Simple Object Access Protocol (SOAP), shared memory, sockets, local

or remote procedure calling.

13. A computer readable medium containing program code comprising:

determining an event schema for an application, wherein the application has

associated articles; and

determining event data for an event, based at least in part on the event schema,

wherein the event relates to user interactions with an article associated with the

application.

14. The computer readable medium of claim 13, further comprising program code for

transferring the event data to a search application.

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15. The computer readable medium of claim 13, further comprising program code for

storing the event data in a searchable database, wherein the events and articles associated

with the application are searchable by a search application.

16. The computer readable medium of claim 13, wherein determining the event schema

comprises one of either receiving, creating, or providing the event schema.

17. The computer readable medium of claim 13, wherein determining the event schema

comprises accessing a registered event schema.

18. The computer readable medium of claim 17, wherein the registered event schema

comprises an event schema indicating information to be captured for a designated

application or class of applications on a client device.

19. The computer readable medium of claim 17, wherein the registered event schema is

an extension of another registered event schema.

20. The computer readable medium of claim 17, wherein the registered event schema has

different versions.

21. The computer readable medium of claim 17, wherein the registered event schema is

an extension of a predefined base event schema provided by the search engine.

22. The computer readable medium of claim 13, wherein the event relates to a current

user state associated with the application.

23. The computer readable medium of claim 13, wherein determining an event schema

comprises registering a new event schema.

24. The computer readable medium of claim 13, wherein the event data is transferred

using an information exchange protocol.

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25. The computer readable medium of claim 13, wherein the event data is transferred using one or a combination of the following communication mechanisms: Extensible Markup Language-Remote Procedure Calling protocol (XML/RPC), Hypertext Transfer Protocol(HTTP), Simple Object Access Protocol (SOAP), shared memory, sockets, local

## 26. A method comprising:

or remote procedure calling.

defining an event schema for an event wherein the event relates to user interactions with an article associated with an application;

registering an event schema for the application, wherein registering the event schema comprises indexing and storing the event schema;

determining a new event;

determining a registered event schema associated with the new event;

determining event data for the new event based at least in part on the event schema;

transferring the event data to a search application and

storing the event in a searchable database, wherein the event and articles associated with the application can be searchable by a search application.

## 27. A system comprising:

a means for determining an event schema for an application; and

a means for determining event data for an event, based at least in part on the event schema, wherein the event relates to user interactions with an article associated with the application.

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28. The system of claim 27, further comprising a means for transferring the event data to a search engine application

- 29. The system of claim 27, further comprising a means for storing the event data in a searchable database, wherein the events and articles associated with the application are searchable by a search application.
- 30. The system of claim 27, wherein the means for determining the event schema comprises a means for receiving, creating or providing the event schema.